This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

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Nautical Chart Catalog No. 3, Panel L

SOUNDINGS IN FATHOMS

16682

LORAN-C OVERPRINTED

16682

LORAN-C OVERPRINTED

UNITED STATES
ALASKA – SOUTH COAST
KENAI PENINSULA

CAPE RESURRECTION TO TWO ARM BAY

Mercator Projection
Scale 1:81,847 at Lat. 59°50'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 2.489" southward and 7.509" westward to agree with this chart.

LORAN-C
GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz
PULSE REPETITION INTERVAL 7960 ..... 79,600 Microseconds
STATION TYPE DESIGNATORS (Not individual station letter designators)
M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary
EXAMPLE 7960-X

RATES ON THIS CHART
7960-X 7960-Y

The Loran-C lines of position overprinted on this chart have been prepared for use with ground wave signals and are presently compensated only for theoretical propagation delays which have not yet been verified by observed data. Mariners are cautioned not to rely entirely on the lattices in inshore waters. Skywave corrections are not provided.

LORAN LINEAR INTERPOLATOR

MICROSECONDS

SEWARD

Scale 1:10000 at 60° 06'

SOUNDINGS IN FATHOMS
(6 FATHOMS AND FEET TO ELEVEN FATHOMS)
AT MEAN LOWER LOW WATER

1 Nautical Mile
Yards

PLANE COORDINATE GRID
Alaska State Grid, zone 4, based on North American Datum 1927, is indicated by dashed ticks at 2,000 foot intervals. The last three digits are omitted.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

NOTE B
CAUTION
Underwater submerged debris may exist inshore of the 20 fathom depth curve and therefore constitute a danger to navigation.

Seward Airport
Alaska Gulf
Lowell Pt.
Resurrection River
Mount Alice
Godwin Glacier
Caines Head
Callaghan Creek
Thumb Cove
Bear Glacier
Sheer Glacier
Aialik Glacier
Aialik Cape
Holgate Gl.
Northeastern Lagoon
Chart 1
Chart 2
Lowell Point
Fox Island
Sunny Cove
Eldorado Narrows
Gravel
Three Hole Bay
Pony Cove
Pilot Rock
Gulch
Callisto Head
Puffin Rock
Puffin Bay
Tonsina Point
Thumb Point
Humpback Rock
Two Arm Bay
Dark I.
Harbor I.
Gull I.
Gravel Spit
Gravel Pt.
Chart 3
Chart 4
Chart 5
Chart 6
Chart 7
Chart 8
Chart 9
Chart 10
Chart 11
Chart 12
Chart 13
Chart 14
Chart 15
Chart 16
Chart 17
Chart 18
Chart 19
Chart 20
Chart 21
Chart 22
Chart

TIDAL INFORMATION
Place
Name (Lat/Long)
Heights referred to datum of soundings (MLLW)
Mean Higher High Water
Mean High Water
Mean Low Water
Extreme Low Water
Seward (60°06'N/149°27'W) feet 10.6 9.7 1.4 -4.0
Aialik Bay Entrance (59°42'N/149°45'W) feet 10.7 9.7 1.3 -4.0
Two Arm Bay (59°40'N/150°06'W) feet 11.0 10.0 1.3 -4.0
For Symbols and Abbreviations see Chart No. 1
HEIGHTS
Elevations of rocks, bridges, landmarks and lights are in feet and refer to Mean High Water. Contour and summit elevation values are in feet and refer to Mean Sea Level.
AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers and U.S. Coast Guard.
SUPPLEMENTAL INFORMATION
Consult U. S. Coast Pilot 9 for important supplemental information.
CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.
NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
Seward KEC-81 162.55 MHz
Homer WXJ-24 162.40 MHz
COLREGS: 80.1705 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.
CAUTION
Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
(Accurate location) (Approximate location)
NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 9. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District, Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.
WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.
AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.
POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).
RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.
LORAN LINEAR INTERPOLATOR
SECONDS
The upper part of Harris Bay is usually filled with floating ice.
Northwestern Lagoon
HARRIS BAY
HARRIS PENINSULA
KENAI PENINSULA
PORT DICK
Harris Bay
Harbor I
Nataa I
Chiswell Is
Granite Cape
Aialik Cape
Three Hole Bay
Cliff Bay
Pinnacle Cove
Pony Cliff Cove
Fish Bay
Chart I
Chiswell I
Three Arm Bay
Thunder Bay
Black Bay
Sandy Cape
Seal Rocks
Bird Rock
Cape Resurrection
Bird I
Rugged I
Fox I
Rocky I
Twin Rocks
Tor Pt
Matsubkag
Long Bk
Pinnacle Cove
Cliff Bay
Three Hole Bay
Fish Bay
Chart I
Chiswell I
Harris Bay
Harbor I
Nataa I
Chiswell Is
Granite Cape
Aialik Cape